

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121525\
 Data File : VY023964.D
 Acq On : 15 Dec 2025 09:18
 Operator : SY/MD
 Sample : VY1215SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1215SBL01

Quant Time: Dec 16 03:46:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121025S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 11 03:57:51 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.726	168	905697	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.628	114	1468696	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	1218369	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	499041	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.079	65	382474	47.763	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.520%
35) Dibromofluoromethane	7.652	113	449704	46.841	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.680%
50) Toluene-d8	10.122	98	1624779	45.455	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.920%
62) 4-Bromofluorobenzene	12.414	95	475434	39.828	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.660%

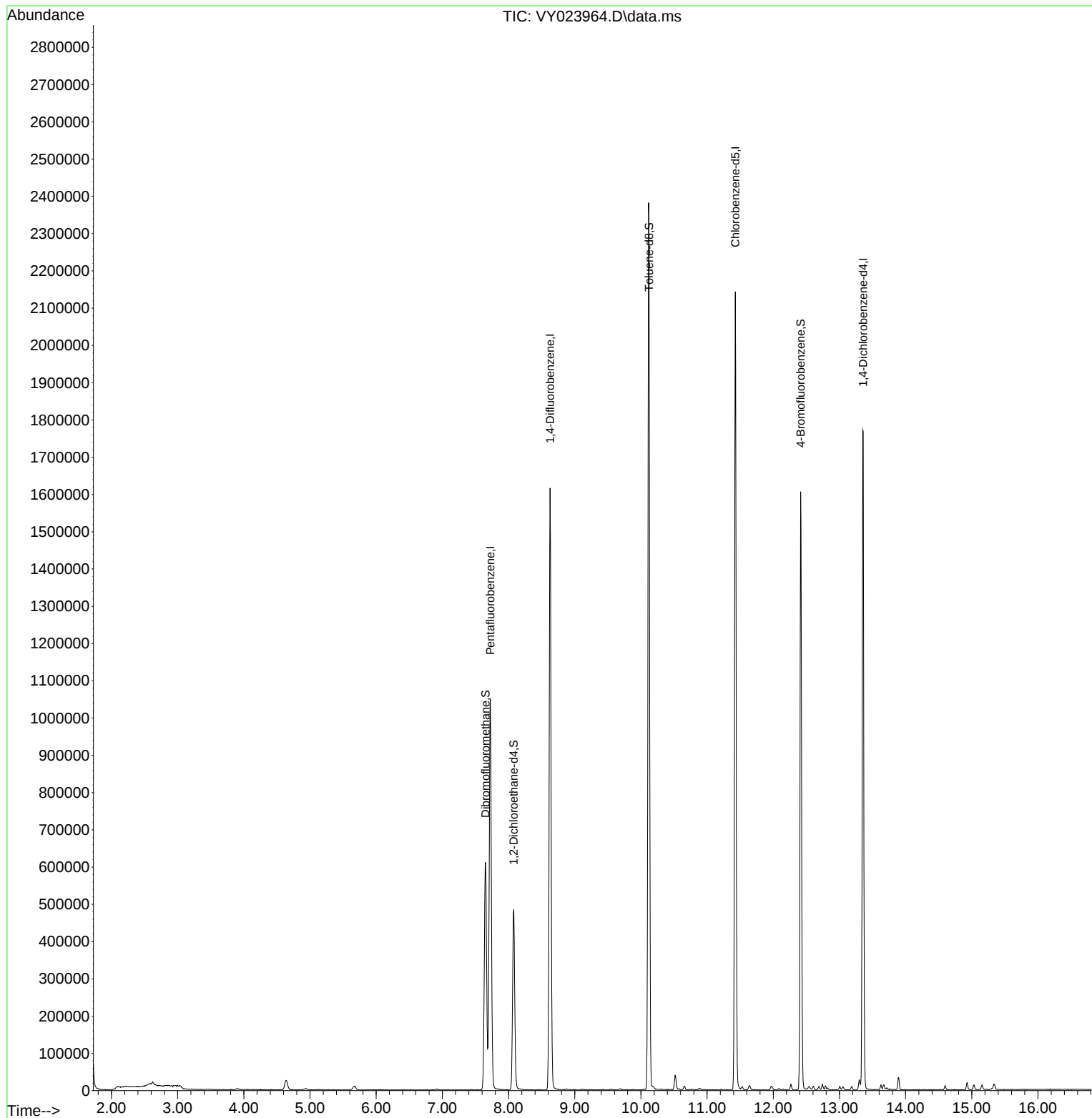
Target Compounds	Qvalue

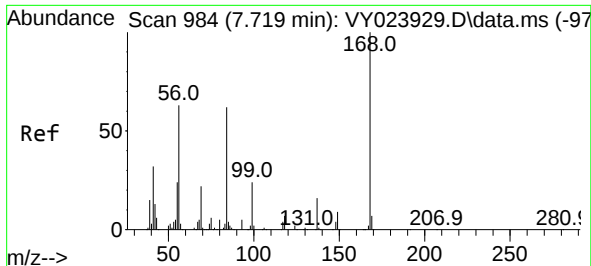
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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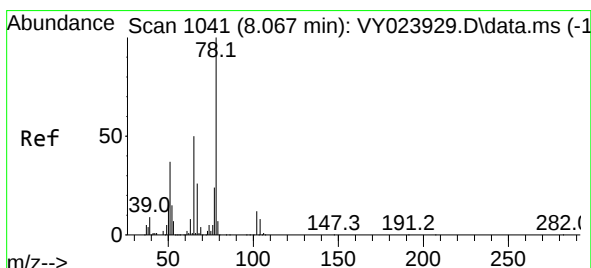
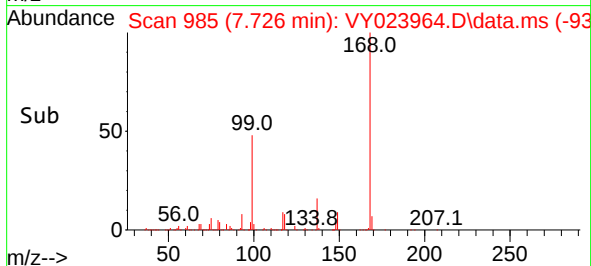
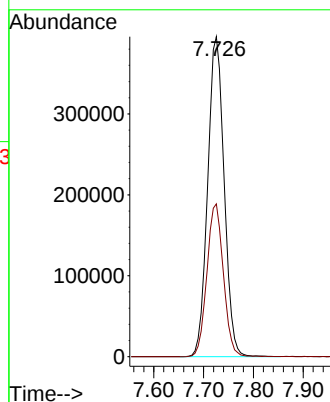
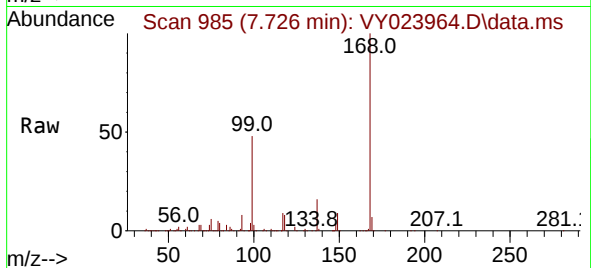




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.726 min Scan# 91
Delta R.T. 0.007 min
Lab File: VY023964.D
Acq: 15 Dec 2025 09:18

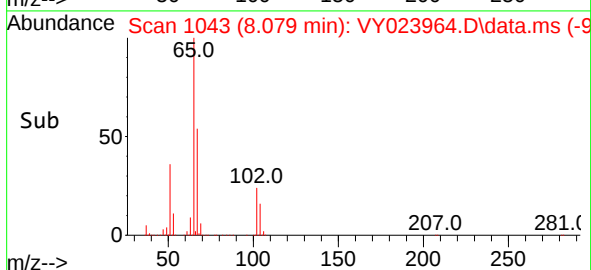
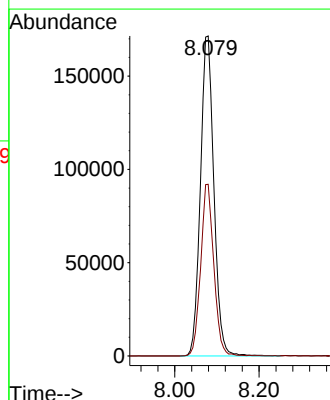
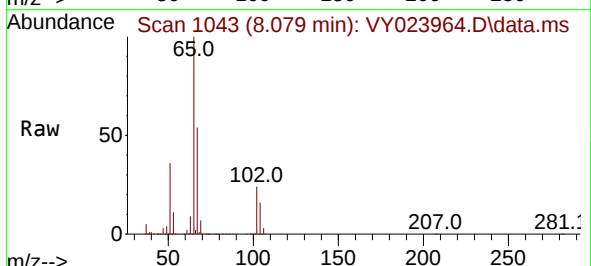
Instrument :
MSVOA_Y
ClientSampleId :
VY1215SBL01

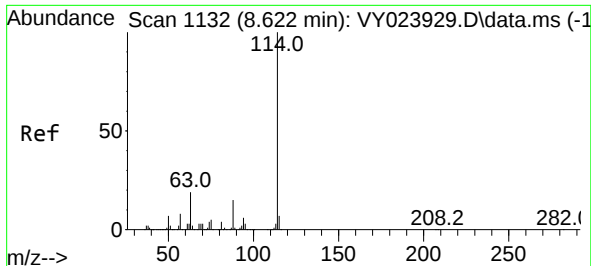
Tgt Ion:168 Resp: 905697
Ion Ratio Lower Upper
168 100
99 47.8 38.9 58.3



#33
1,2-Dichloroethane-d4
Concen: 47.763 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.012 min
Lab File: VY023964.D
Acq: 15 Dec 2025 09:18

Tgt Ion: 65 Resp: 382474
Ion Ratio Lower Upper
65 100
67 52.4 0.0 106.2

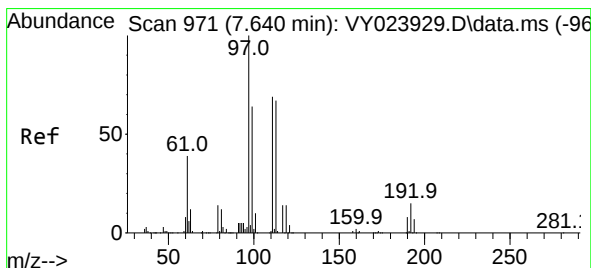
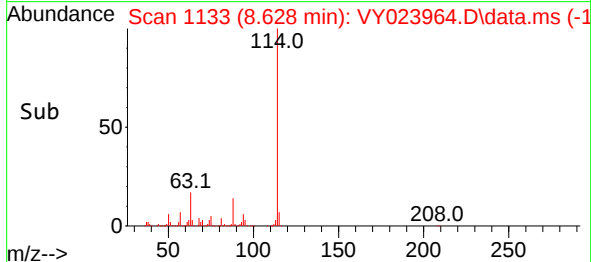
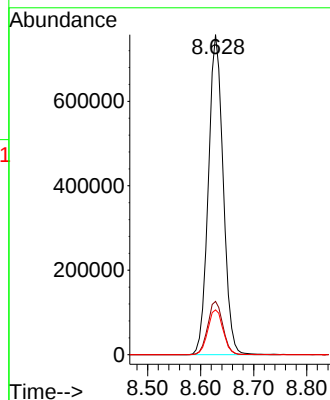
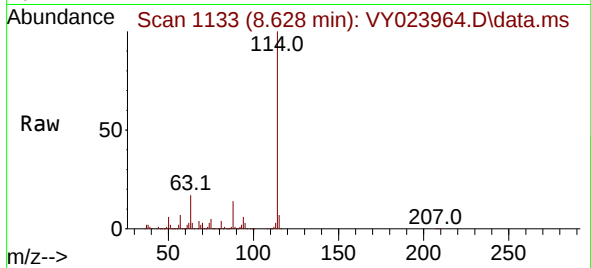




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.628 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VY023964.D
Acq: 15 Dec 2025 09:18

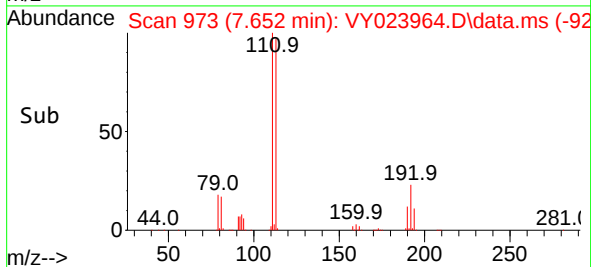
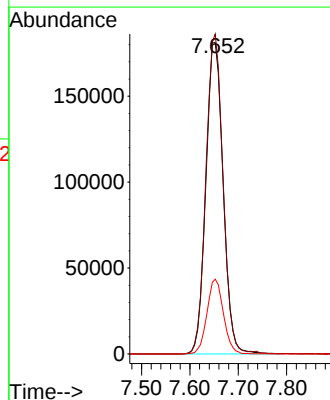
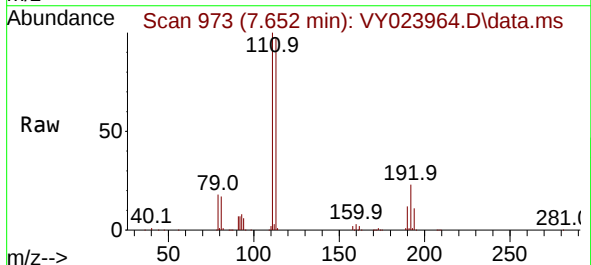
Instrument :
MSVOA_Y
ClientSampleId :
VY1215SBL01

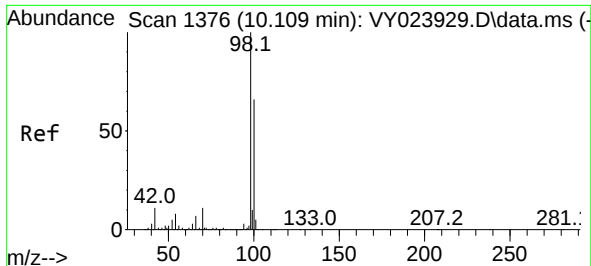
Tgt Ion:114 Resp: 1468696
Ion Ratio Lower Upper
114 100
63 16.6 0.0 37.2
88 14.0 0.0 29.4



#35
Dibromofluoromethane
Concen: 46.841 ug/l
RT: 7.652 min Scan# 973
Delta R.T. 0.012 min
Lab File: VY023964.D
Acq: 15 Dec 2025 09:18

Tgt Ion:113 Resp: 449704
Ion Ratio Lower Upper
113 100
111 102.2 82.4 123.6
192 23.0 17.9 26.9

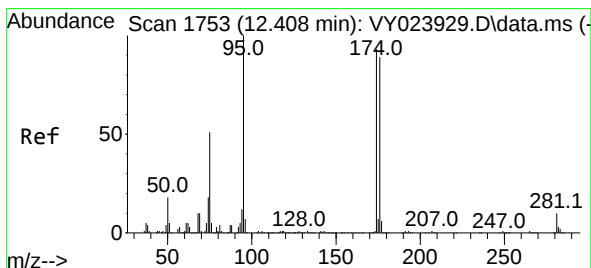
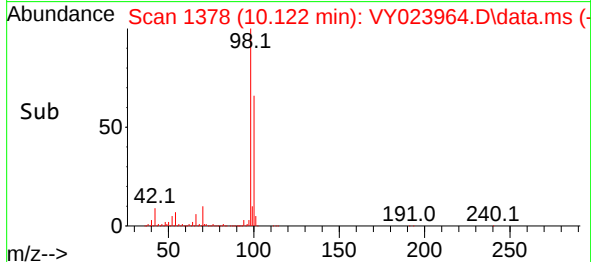
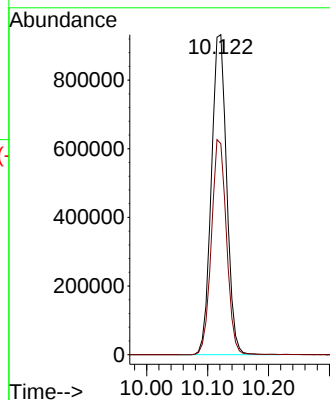
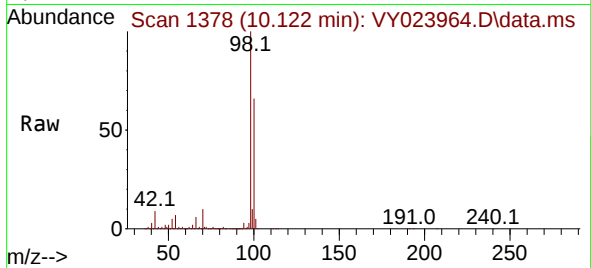




#50
Toluene-d8
Concen: 45.455 ug/l
RT: 10.122 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY023964.D
Acq: 15 Dec 2025 09:18

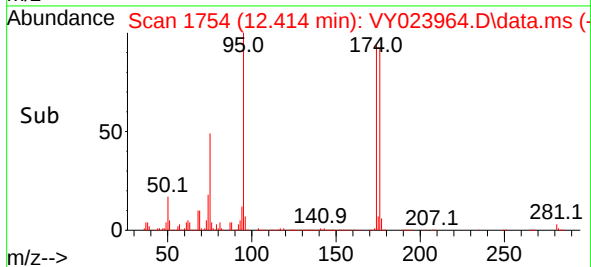
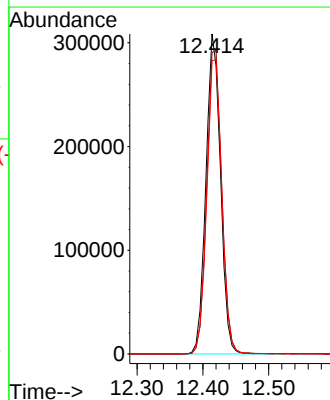
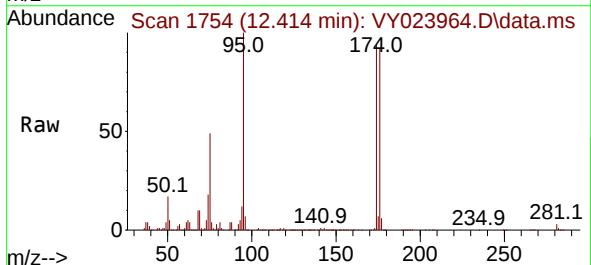
Instrument :
MSVOA_Y
ClientSampleId :
VY1215SBL01

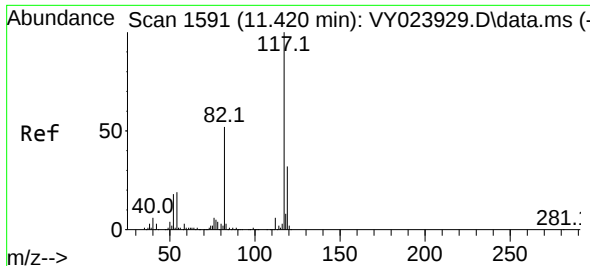
Tgt Ion: 98 Resp: 1624779
Ion Ratio Lower Upper
98 100
100 66.4 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 39.828 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VY023964.D
Acq: 15 Dec 2025 09:18

Tgt Ion: 95 Resp: 475434
Ion Ratio Lower Upper
95 100
174 97.9 0.0 187.4
176 95.1 0.0 179.6

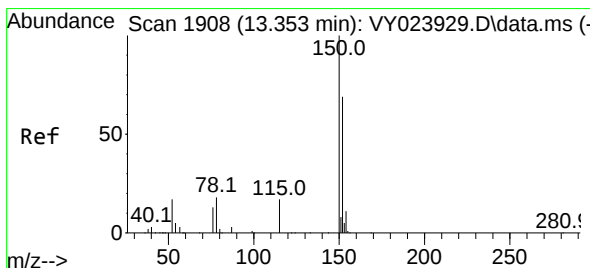
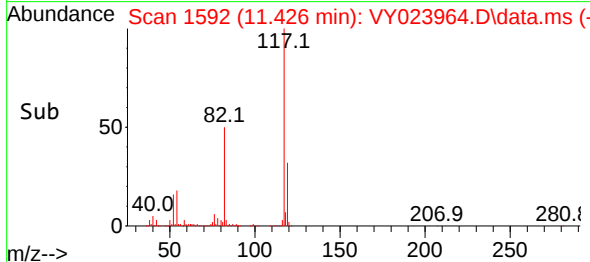
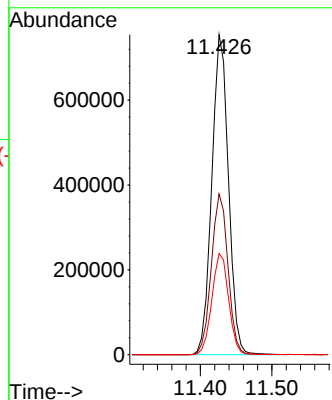
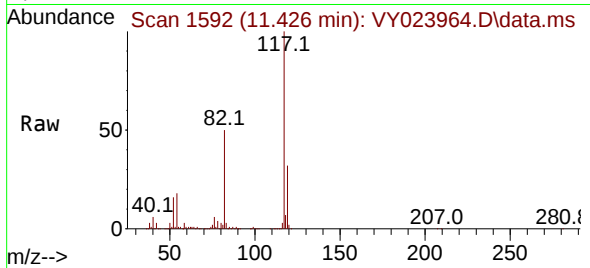




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023964.D
Acq: 15 Dec 2025 09:18

Instrument :
MSVOA_Y
ClientSampleId :
VY1215SBL01

Tgt Ion:117 Resp: 1218369
Ion Ratio Lower Upper
117 100
82 50.3 41.4 62.2
119 31.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.359 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VY023964.D
Acq: 15 Dec 2025 09:18

Tgt Ion:152 Resp: 499041
Ion Ratio Lower Upper
152 100
115 54.1 27.3 81.9
150 156.0 0.0 347.6

